Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

ITU-01	198-I	8
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BUREAU OF LAND MAN	NAGEMENT		UTU-01198-B		
APPLICATION FOR PERMIT TO	6. If Indian, Allottee or Tr	ibe Name			
1a. Type of Work: X DRILL RE	ENTER		7. If Unit or CA Agreemen	nt, Name and No.	
ia. Type of work. A DidLL	SINTER		NATURAL BUTTES	UNIT	
			8. Lease Name and Well N		
b. Type of Well: Oil Well 🗶 Gas Well 🔲 Other	Single Zone	Multiple Zone	NBU 1022-21G		
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.			9. API Well No. 43-047	-36091	
	3b. Phone No. (include area co	ode)	10. Field and Pool, or Expl	loratory	
1368 SOUTH 1200 EAST VERNAL, UT 84078	(435)-781-7024		NATURAL BUTTES		
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)	37227	11. Sec., T., R., M., or Blk	, and Survey or Area	
			05051011 04 5400 5	2005	
		442155	SECTION 21-T10S-F	13. State	
14. Distance in miles and direction from nearest town or post office* 34.1 MILES SOUTHEAST OF OURAY, UTAH			UINTAH	UTAH	
15. Distance from proposed*	16. No. of Acres in lease	17. Spacing Unit de			
location to nearest					
(Also to nearest drig. unit line, if any)	2040.00	40.00			
18. Distance from proposed location* to nearest well, drilling, completed, REFER TO	19. Proposed Depth	20. BLM/BIA Bond	l No. on file		
applied for, on this lease, ft.	8,700'	CO-1203			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work wi	I start*	23. Estimated duration		
5359'GL	ZZ. Approximate date work wi	II built	23. 250		
	24. Attachments		<u> </u>		
The following, completed in accordance with the requirements of On	shore Oil and Gas Order No. 1, s	shall be attached to thi	is form:		
1 Wall plot cartified by a registered surveyor	1 4 Rond to co	ver the operations ur	alecs covered by an existing be	and an file (see	
•	 Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see A Drilling Plan. 				
2. A Drilling Plan.					
3. A Surface Use Plan (if the location is on National Forest System I					
SUPO shall be filed with the appropriate Forest Service Office.	6. Such other authorized	-	on and/or plans as may be req	uired by the	
					
25. Signature	Name (Printed/Typed)		Date	4.410.1000.4	
//W/// ///////////////////////////	SHEILA UPCHE	GO	i	11/8/2004	
Title					
REGULATORY ANALYST	Name (Printed/Typed)	, <u>, , , , , , , , , , , , , , , , , , </u>	Date		
Approved by Signature	Name (Frinteartypea)			-17-04	
ENVIRONMENTAL SCIENTIST III					
Application approval does not warrant or certify that the applicant ho	lds legal or equitable title to tho	se rights in the subject	t lease which would entitle the	applicant to conduct	
operations thereon.	000 0			, F	
Conditions of approval, if any, are attached.					
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make	it a crime for any person knowing	ngly and willfully to n	nake to any department or age	ncy of the United	

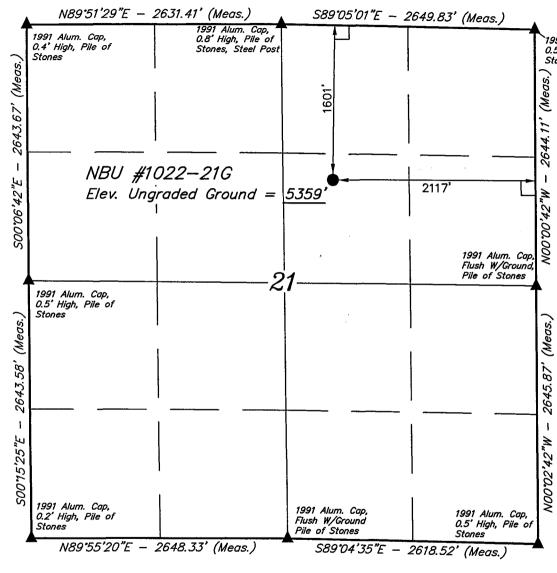
*(Instructions on reverse)

Federal Approval of this Action is Nacessary

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED NOV 1 5 2004

T10S, R22E, S.L.B.&M.



BASIS OF BEARINGS

LEGEND:

90° SYMBOL

PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39.56'14.31'' (39.937308) LONGITUDE = 109°26'34.36" (109.442878)

Well location, NBU #1022-21G, located as shown

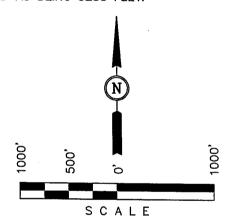
in the SW 1/4 NE 1/4 of Section 21, T10S, R22E, S.L.B.&M. Uintah County, Utah.

WESTPORT OIL AND GAS COMPANY, L.P.

1991 Alum. Cap, 0.5' High, Pile of Stones, Steel Post

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



THIS IS TO CERTIFY THAT THE ACTIVATION OF ACTUAL STRVEYS SUPERVISION AND THAT THE SUPERVISION AND THE SUPERVISION AND THAT THE SUPERVISION AND THAT THE SUPERVISION AND THE SUPERVISION AN SUPERVISION AND THAT BEST OF MY KNOWLED

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

(,,,	0, 100 101,		
SCALE 1" = 1000'	DATE SURVE		
PARTY K.K. B.W. K.G.	REFERENCES G.L.O	PLAT	
WEATHER HOT		WESTPORT OIL	

NBU #1022-21G SW/NE Sec. 21,T10S,R22E UINTAH COUNTY, UTAH UTU-01198-B

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	950'
Wasatch	4175'
Mesaverde	6710'
TD	8,700'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	Depth
Gas Gas	Green River Wasatch Mesaverde	950° 4175° 6710°
Water Other Minerals	N/A N/A	

3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. <u>Drilling Fluids Program</u>:

Please see the Natural Buttes Unit SOP.

6. <u>Evaluation Program</u>:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8,700' TD, approximately equals 3480 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1566 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. <u>Anticipated Starting Dates:</u>

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please see Natural Buttes Unit SOP.

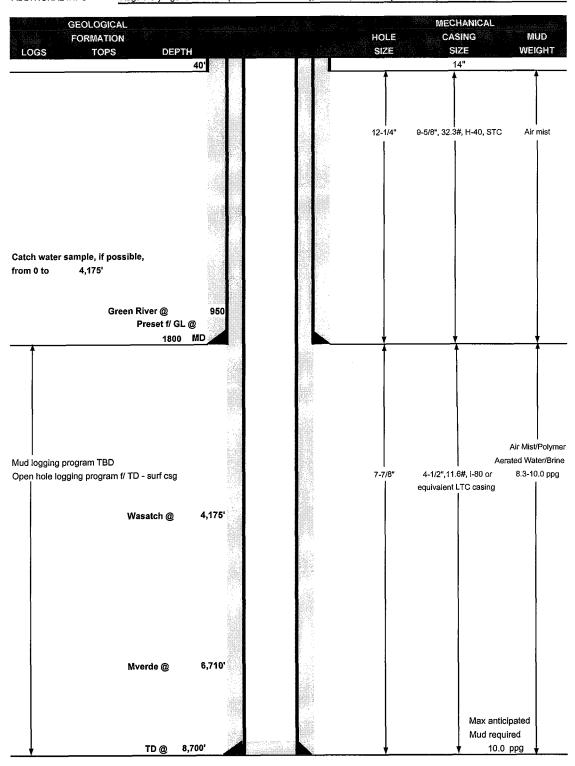
10. Other Information:

Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME Westport Oil and Gas Co., L.P. November 5, 2004 NBU 1022-21G 8,700' MD/TVD WELL NAME TD 5,357' GL KB 5,372' **FIELD** Natural Buttes COUNTY Uintah STATE Utah ELEVATION SURFACE LOCATION 1601' FNL & 2117' FEL, SWNE SEC. 21, T10S, R22E BHL Straight Hole Latitude: 39.937309 Longitude: 109.442878 OBJECTIVE ZONE(S) Wasatch/Mesaverde Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept. ADDITIONAL INFO





CASING PROGRAM

							DESIGN FACT	ORS
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
						2270	1370	254000
SURFACE	9-5/8"	0 to 1800	32.30	H-40	STC	0.87*****	1.63	4.99
						7780	6350	201000
PRODUCTION	4-1/2"	0 to 8700	11.60	1-80	LTC	2.98	1.40	2.28
			 					

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 2610 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele				
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to s	surface, op	tion 2 will be	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
•		+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION LEAD	3,670'	Premium Lite II + 3% KCI + 0.25 pps	400	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender				
TAIL	5,030'	50/50 Poz/G + 10% salt + 2% gel	1410	60%	14.30	1.31
		+.1% R-3		4		

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (an	nular to 1,500 psi) prior to drilling out. Record on chart recorder &
tour sheet. Function test rams on each trip. Maintain safety valve	& inside BOP on rig floor at all times. Kelly to be equipped with uppe
& lower kelly valves.	
Drop Totco surveys every 2000'. Maximum allowable hole angle is	5 degrees.
ENGINEED:	DATE:

DRILLING ENGINEER:		DATE:
	Brad Laney	
DRILLING SUPERINTENDENT:		DATE:

Randy Bayne DHD_nbu1022-21g_APD.xls

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

NBU #1022-21G SW/NE Sec. 21,T10S,R22E UINTAH COUNTY, UTAH UTU-01198-B

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU#1022-21G on 10/7/04, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.1 Miles +/- of new access road is proposed. Refer to Topo Map B. Approximately 1.1 Miles +/- of an existing road need to be upgraded from the S ½ of section 17 & 16 T10S-R22E, Approximately 03 Miles of an existing road needs to be upgraded in the NENE in Section 21-T10S-R22E, to the proposed access road. Please refer to the attached Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 65' of pipeline is proposed. Up to 8" pipeline shall be Butt Welded. Refer to Topo Map D for the location of the proposed pipeline.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. <u>Methods of Handling Waste Materials</u>:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 16 mil reserve pit liner with felt will be required.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Scarlet Globe Mallow	3 lbs.
Indian Rice Grass	4 lbs.
Needle and Thread Grass	4 lbs.
Black Sagebrush	1 lbs.

11. <u>Surface Ownership</u>:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Other Information:

WILDLIFE STIPULATIONS:

ANTELOPE: NO CONSTRUCTION OR DRILLING – MARCH 1ST THROUGH JULY 15TH.

A Class III archaeological survey has been completed and submitted to Bureau of Land Management.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

All lease and/or operations will conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The operator will control noxious weeds along Rights-of-Way for roads, pipeline, well sites, or other applicable facilities.

13. Lessee's or Operators's Representative & Certification:

Sheila Upchego Regulatory Analyst Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7024 Randy Bayne Drilling Manager Westport Oil &Gas Company L.P. P.O. Box 1148 Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. L.P. is considered to be the operator of the subject well. Westport O&G Co. L.P. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR for lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

/s/ Sheila Upchego Mulk Mycliem)
Sheila Upchego

11/8/04

Date

WESTPORT OIL AND GAS COMPANY, L.P. NBU #1022-21G SECTION 21, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 11.2 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 8.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.4 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-21G

LOCATED IN UINTAH COUNTY, UTAH **SECTION 21, T10S, R22E, S.L.B.&M.**

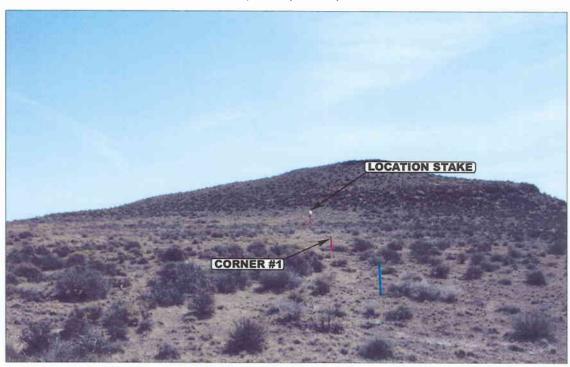


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY

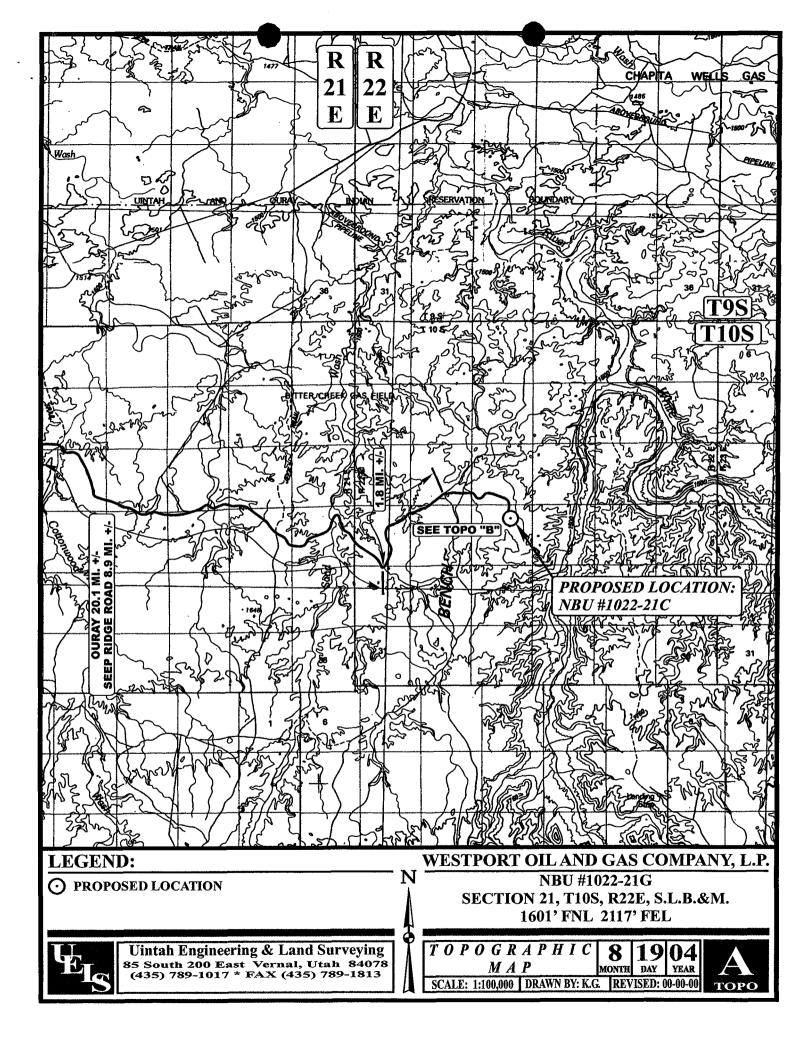


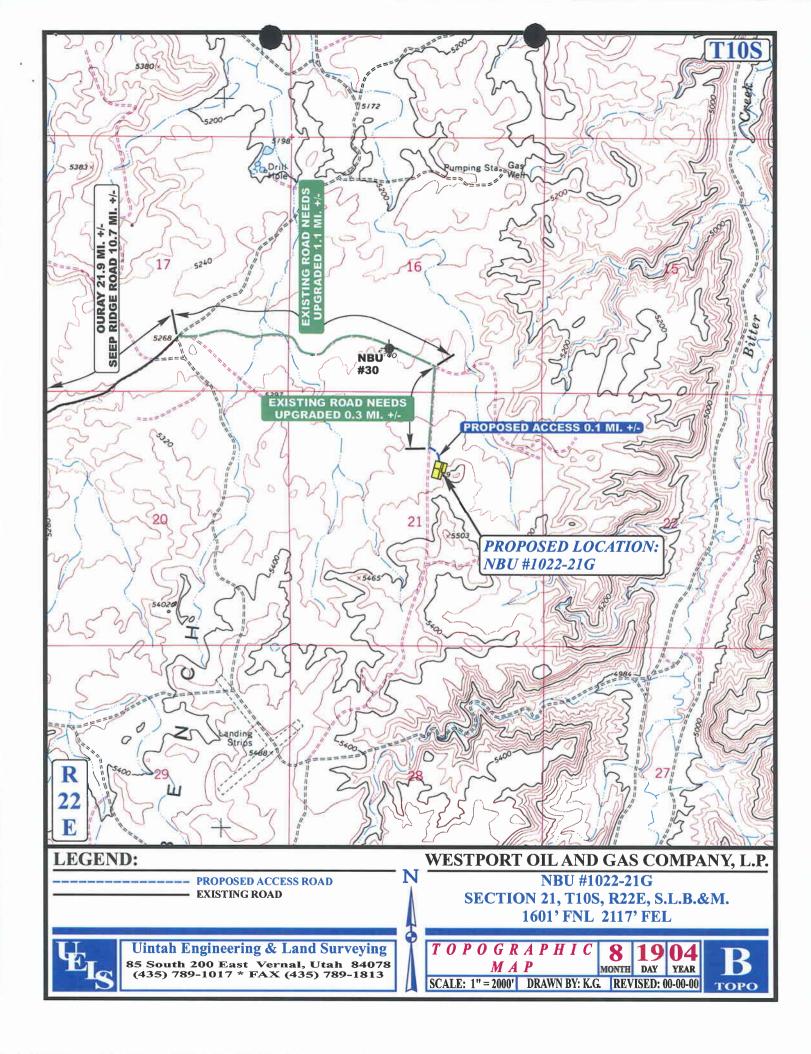
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

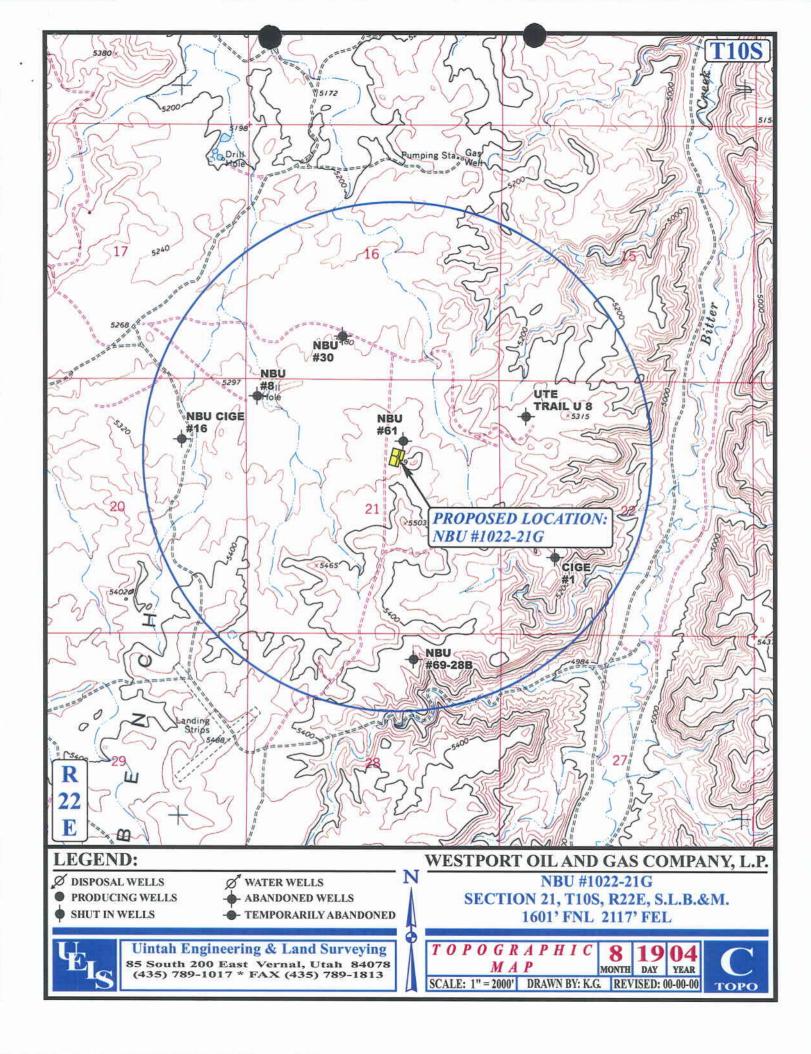
LOCATION PHOTOS

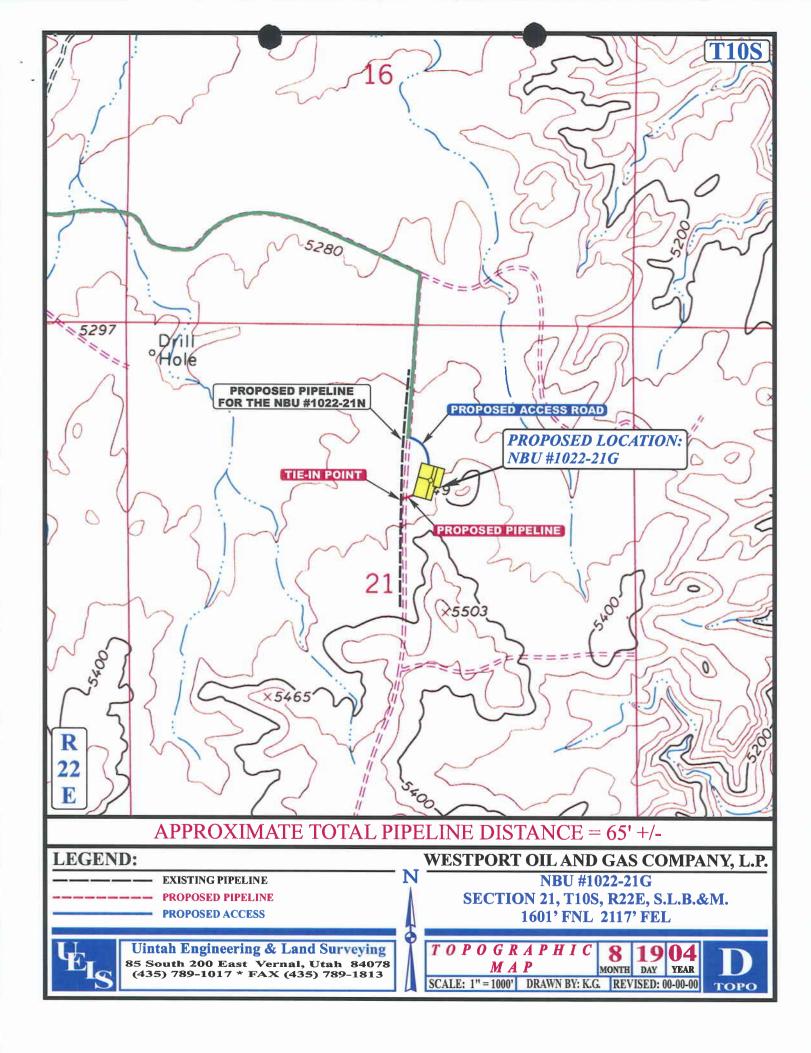
MONTH DAY TAKEN BY: K.K. DRAWN BY: K.G. REVISED: 00-00-00

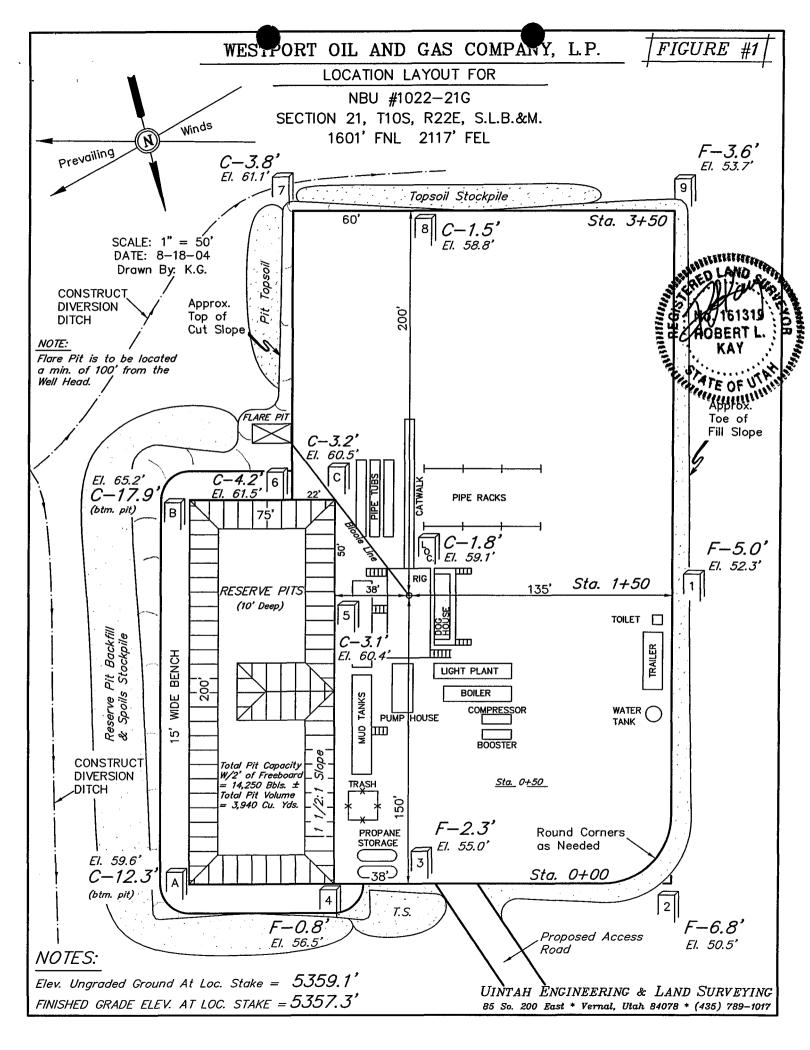
РНОТО

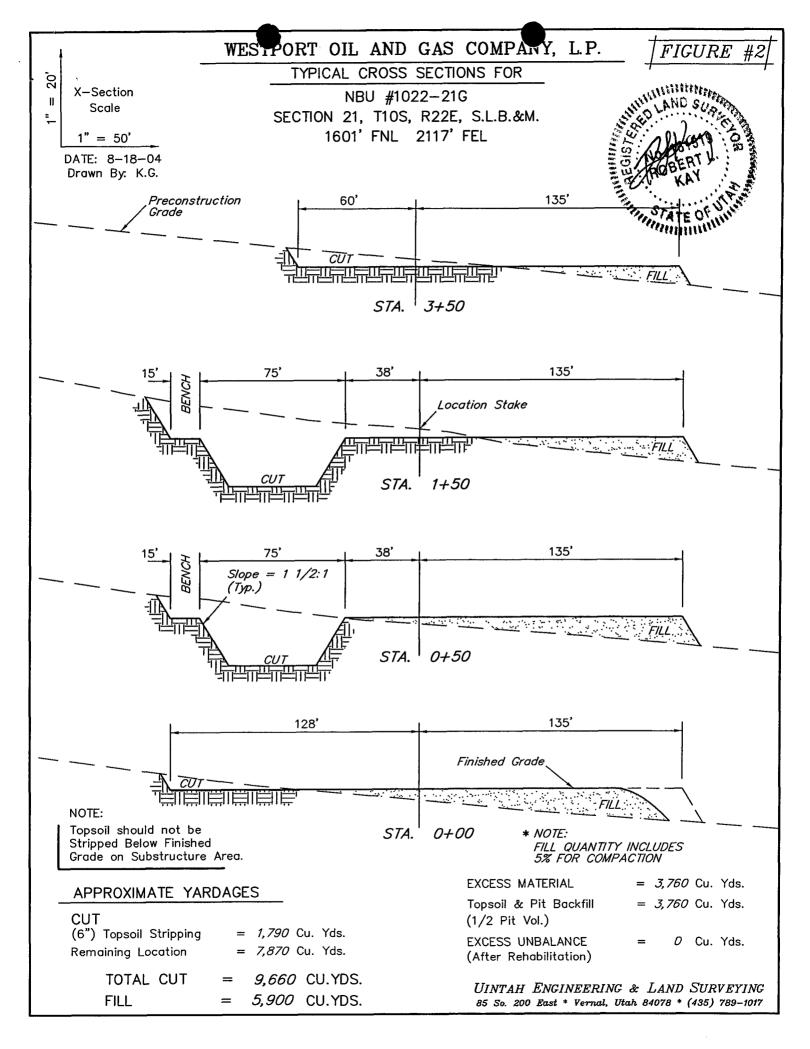




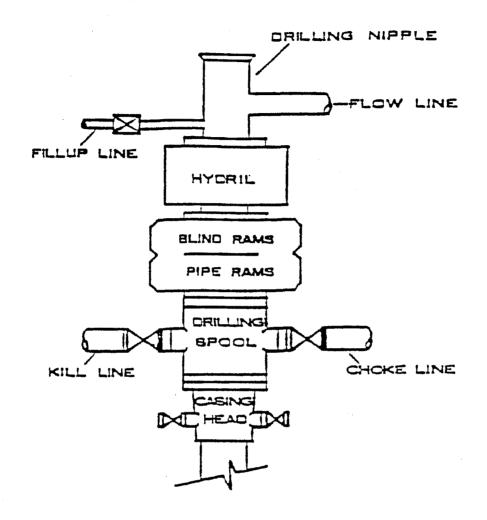


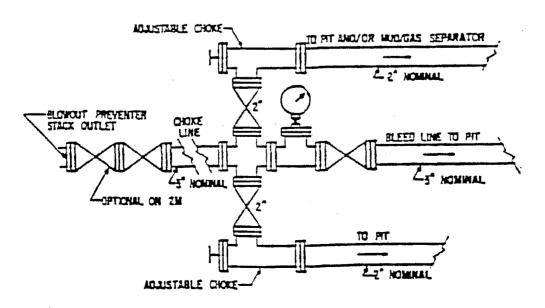






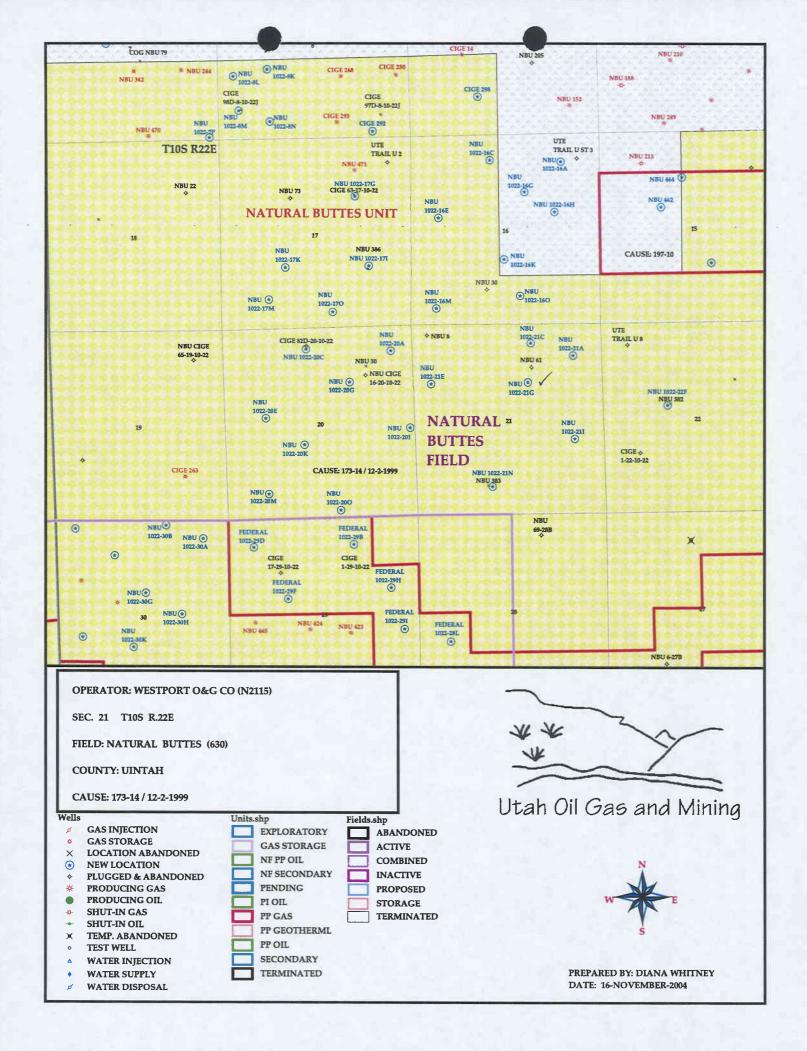
EOP STACK





WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/15/2004	API NO. ASSIGNED: 43-047-36091
WELL NAME: NBU 1022-21G OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: SHEILA UPCHEGO	PHONE NUMBER: 435-781-7024
PROPOSED LOCATION: SWNE 21 100S 220E SURFACE: 1601 FNL 2117 FEL BOTTOM: 1601 FNL 2117 FEL UINTAH NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-01198-B SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO	INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.93723 LONGITUDE: -109.4422
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N)	LOCATION AND SITING: R649-2-3. Unit NATURAL BUTTES R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: /73-/4 Eff Date: /2-2-99 Siting: 460 Fr u bedry Cuntomm from R649-3-11. Directional Drill
COMMENTS: Sop, Seperat Stipulations: 1-Eden C 2-Oil	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 17, 2004

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2004 Plan of Development Natural Buttes Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2004 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Mesaverde)

```
43-047-36062 NBU 921-14J Sec 14 T09S R21E 1838 FSL 1952 FEL 43-047-36063 NBU 921-19G Sec 19 T09S R21E 1758 FNL 1970 FEL 43-047-36064 NBU 921-19I Sec 19 T09S R21E 1659 FSL 0861 FEL 43-047-36065 NBU 922-18M Sec 18 T09S R22E 0600 FSL 0559 FWL 43-047-36066 NBU 1022-21E Sec 21 T10S R22E 1601 FNL 0452 FWL 43-047-36083 NBU 1022-170 Sec 17 T10S R22E 0464 FSL 2250 FEL 43-047-36084 NBU 1022-17G Sec 17 T10S R22E 1650 FNL 1602 FEL 43-047-36085 NBU 1022-200 Sec 20 T10S R22E 0209 FSL 2124 FEL 43-047-36086 NBU 1022-20I Sec 20 T10S R22E 2462 FSL 0154 FEL 43-047-36087 NBU 1022-20G Sec 20 T10S R22E 2462 FSL 0154 FEL 43-047-36089 NBU 1022-21A Sec 21 T10S R22E 0877 FNL 0851 FEL 43-047-36090 NBU 1022-21I Sec 21 T10S R22E 2068 FSL 0853 FEL 43-047-36081 NBU 1022-21G Sec 21 T10S R22E 1601 FNL 2117 FEL 43-047-36082 NBU 921-15P Sec 15 T09S R21E 0375 FSL 0921 FEL
```

Our records indicate the NBU 1022-200 is closer than 460 feet from the Natural Buttes Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

November 17, 2004

Westport Oil & Gas Company, L P 1368 South 1200 East Vernal, UT 84078

Re: Natural Buttes Unit 1022-21G Well, 1601' FNL, 2117' FEL, SW NE, Sec. 21,

T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36091.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, L P					
Well Name & Number	Natural Buttes Unit 1022-21G					
API Number:	Number: 43-047-36091					
Lease:	UTU-01198-B					
Location: <u>SW NE</u>	Sec. 21	T. <u>10 South</u>	R. <u>22 East</u>			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

DEPARTMENT OF BUREAU OF LAND		5. Lease Serial No.
BUREAU OF LAND	WANAGEMENT	UTU-01198-B
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No.
1a. Type of Work: DRILL REENTER		NATURAL BUTTES
		8. Lease Name and Well No.
1b. Type of Well: Oil Well 🛮 Gas Well 🗖 Oth		NBU 1022-21G
2. Name of Operator Contact: WESTPORT OIL & GAS COMPANY, LP	SHEILA UPCHEGO E-Mail: SUPCHEGO@KMG.COM	9. API Well No. 43.047.31009.1
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024	10. Field and Pool, or Exploratory NATURAL BUTTES
4. Location of Well (Report location clearly and in accord-	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area
At surface SWNE 1601FNL 2117FEL	· · · · · · · · · · · · · · · · · · ·	Sec 21 T10S R22E Mer SLB
At proposed prod. zone SWNE 1601FNL 2117FEL	NOV - 8 2004	
14. Distance in miles and direction from nearest town or post 34.1 MILES SOUTHEAST OF OURAY, UTAH	office*	12. County or Parish 13. State UINTAH UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well
1601'	2040.00	40.00
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file
completed, applied for, on this lease, ft. REFER TO TOPO C	8700 MD	CO-1203
21. Elevations (Show whether DF, KB, RT, GL, etc. 5359 GL	22. Approximate date work will start	23. Estimated duration
	24. Attachments	
The following, completed in accordance with the requirements of	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of 	4. Bond to cover the operati Item 20 above). 5. Operator certification	ons unless covered by an existing bond on file (see formation and/or plans as may be required by the
25. Signature (Electronic Submission)	Name (Printed/Typed) SHEILA UPCHEGO Ph: 435.781.7024	Date 11/08/2004
Title OPERATIONS OF	· · · · · · · · · · · · · · · · · · ·	
Appropriate by (Signature)	Name (Printed/Typed)	Date 16/2018
I HOTIPHAL ON WORKING		277/16/2019

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Assistant Held Manager Mineral Resources

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #50803 verified by the BLM Well Information System For WESTPORT OIL & GAS COMPANY, LP, sent to the Vernal Committed to AFMSS for processing by LESLIE WALKER on 11/12/2004 ()

RECEIVED OCT 0 5 2005

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

At Id do Home were a

CONDITIONS OF APPROVAL ATTACHED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Page 1 of 3 Well No.: NBU 1022-21G

Well No.: NDO 1022-210

CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Westport Oil and Gas Company LP.

Well Name & Number: NBU 1022-21G

Lease Number: U-01198B

API Number: 43-047-36091

Location: SWNE Sec. 21 T.10S R. 22E

Agreement: Natural Buttes Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. <u>DRILLING PROGRAM</u>

1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered</u>

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

2. Pressure Control Equipment

The variances requested in section 9 of the NBU Field SOP are granted with the following conditions:

Well No.: NBU 1022-21G

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

3. Casing Program and Auxiliary Equipment

As a minimum requirement, the cement behind the production casing must extend at least 200' above the surface casing shoe.

4. Mud Program and Circulating Medium

None

5. Coring, Logging and Testing Program

Cement Bond Logs will be required from TD to the top of cement.

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Please submit an electronic copy of all logs run on this well in LAS format. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF or other).

6. <u>Notifications of Operations</u>

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

7. Other Information

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Kirk Fleetwood

(435) 828-7874

Matt Baker

(435) 828-4470

Petroleum Engineer

Petroleum Engineer

Michael Lee

(435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

Page 3 of 3

Well No.: NBU 1022-21G

- If any paleontological or cultural materials are encountered, stop work immediately and report the find to this office.
- Paint all facilities Fuller O'Brian color Carlsbad Canyon (2.5Y 6/2). Any paint brand may be used provided the colors match.
- No drilling or construction would be allowed between May 15 and June 20 to protect antelope during their kidding season.
- The authorized officer may prohibit surface disturbing activities during wet and muddy periods to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The seed mix for this location shall be:

Needle and Thread grass	Stipa comata	4lbs. /acre
Indian ricegrass	Oryzopsis hymenoides	4lbs. /acre
Scarlet globemallow	Sphaeralcea coccinea	3lbs. /acre
Black sage	Artemisia nova	1lbs./acre

- All pounds are in pure live seed.
- Reseeding may be required if first seeding is not successful.
- 4 to 6 inches of topsoil should be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil respread where appropriate, and the entire location seeded with the recommended seed mix. Seeding should take place by broadcasting the seed and walking it into the soil with a dozer immediately after the dirt work is completed.

Form 3 160-5 (August 1999)

D STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No. UTU-01198-B

Do not use this form for proposals to drill or reenter an

abandoned well.	Use Form 3160-3 (APD)	for su	en proposa	IS.				
SUBMIT IN TRIPLI	CATE – Other instru	ctions	on revers	e side	7. If Unit or CA/A	Agreement, Name and/or No.		
1. Type of Well					NATURAL BU	ITTES UNIT		
Oil Well X Gas Well	Other				8. Well Name and			
2. Name of Operator					NBU 1022-2	NBU 1022-21G		
WESTPORT OIL & GAS CO	MPANY L.P.				9. API Well No.			
3a. Address		3b. Pl	one No. (inclu	de area code)	43-047-36091	3-047-36091		
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	(435)	781-7024		10. Field and Pool,). Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,		<u> </u>			NATURAL BU	NATURAL BUTTES		
					11. County or Paris	11. County or Parish, State		
SWNE SECTION 21-T10S-F	R22E 1601'FNL & 211	7'FEL _			UINTAH COU	NTY, UTAH		
12. CHECK APPI	ROPRIATE BOX(ES) TO	NDICA'	ΓΕ NATURE	OF NOTICE,	REPORT, OR OTH	IER DATA		
TYPE OF SUBMISSION			TY	PE OF ACTIO	N			
Notice of Intent	Acidize Alter Casing	=	pen cture Treat	Productio	n (Start/Resume)	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair	☐ Nev	v Construction	Recomple	te 🗓	Other DOGM APD		
	Change Plans		g and Abandon	==	ily Abandon	EXTENSION		
Final Abandonment Notice	Convert to Injection	Plu	g Back	Water Dis	posal			
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin THE OPERATOR REQUESTANT WELL LOCATION, SO THAT THE ORIGINAL APD WAS A	operations. If the operation restorationment Notices shall be file al inspection. TS AUTHORIZATION TITHE DRILLING OPE APPROVED ON NOVE	elts in a med only aft	ultiple completion all requirements N ONE YEA NS MAY B	AR EXTENS	in a new interval, a Fo lamation, have been co	orm 3160-4 shall be filed once ompleted, and the operator has		
14. I hereby certify that the foregoing	g is true and correct	Titl			M			
Name (<i>Printed/Typed</i>) Shejja Upchego			_e gulatory An	alvst				
Significant Control of the Control o	(hom?)	Dat	e					
1/11 min 1/1/1/	THIS SPACE		ober 19, 20	STATE USE				
Approved by			Title		Date			
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduc	itable title to those rights in the su	warrant or bject lease	Office					

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED OCT 2 4 2005

DIV. OF OIL, GAS & MINIMO

PESEUM 1

Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304736091 Well Name: NBU 1022-21G Location: SWNE SECTION 21-T10S-R22E Company Permit Issued to: WESTPORT OIL & GAS CO., L.P. Date Original Permit Issued: 11/17/2004
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes⊠No□
Signature 10/19/2005 Date
Title: REGULATORY ANALYST
Representing: WESTPORT OIL & GAS COMPANY L.P.

RECEIVED

OCT 2 4 2005

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: (New O	erator):			
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East	1368 S	outh 1200	East		
Vernal, UT 84078	Vernal	, UT 84078	3		
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
l 9,		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5	
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5	
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81	
4b. If NO , the operator was contacted contacted on:	_			_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w			n/a		
	ivision has appro		-	isfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on:	5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006	-			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only	
BOND VERIFICATION:					
Federal well(s) covered by Bond Number:	CO1203				
2. Indian well(s) covered by Bond Number:	RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36	
a. The FORMER operator has requested a release of liability from the	•	n/a	rider adde		
The Division sent response by letter on:			_		
LEASE INTEREST OWNER NOTIFICATION:		-			
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Seria!	No.

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.			MULTIPLE LEASES 6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIP	LICATE – Other instr	uctions on reverse s	side	7. If Unit or CA/Agreement, Name and/or No.	
I. Type of Well				1	
Oil Well X Gas Well	Other Other			8. Well Name and No.	
2. Name of Operator				MUTIPLE WELLS	
KERR-McGEE OIL & GAS	ONSHORE LP			9. API Well No.	
3a. Address		3b. Phone No. (include of	rea code)	1	
1368 SOUTH 1200 EAST	VERNAL, UT 84078	(435) 781-7024	r	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript			1	
SEE ATTACHED				11. County or Parish, State UINTAH COUNTY, UTAH	
12. CHECK API	PROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, F	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE	OF ACTION	N	
Notice of Intent	Acidize Alter Casing	Deepen [Production Reclamatic	(Start/Resume) Water Shut-Off	
Subsequent Report	Casing Repair Change Plans	New Construction	Recomplet	Other CHANGE OF	
Final Abandonment Notice	Convert to Injection	Plug and Abandon Plug Back	Water Disp		
13. Describe Proposed or Completed Op If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated stagive subsurface locations and ma	arting date of a	my proposed work and approximate duration thereof. we vertical depths of all pertinent markers and zones.	

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

 I hereby certify that the foregoing is true and corn Name (Printed/Typed) FANDY BAYNE 	Title Earlene Ru DRILLING MANAGER	leve Russell f Oil, Gas and Mining ussell, Engineering Technician
Sightature / Sayne	Date May 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE U	SE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)			6. If Indian, Allottee or Tribe	Varne
SUBMIT IN TRIPL	ICATE – Other instru	ctions on rev	erse side	7. If Unit or CA/Agreement, N	ame and/or No.
I. Type of Well					
Oil Well X Gas Well	Other .			8. Well Name and No.	
2. Name of Operator				MUTIPLE WELLS	
WESTPORT OIL & GAS CO	MPANY L.P.			9. API Well No.	
3a. Address		3b. Phone No.	include area code)		
1368 SOUTH 1200 EAST V		(435) 781-70	24	10. Field and Pool, or Explorato	ry Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	n)			
055 47740450				11. County or Parish, State	
SEE ATTACHED				UINTAH COUNTY, UTA	н
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NAT	URE OF NOTICE	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACT	ION	
Notice of Intent	Acidize	Deepen	Produc	tion (Start/Resume)	Off
_	Alter Casing	Fracture Trea	_	· · · · · · · · · · · · · · · · · · ·	
X Subsequent Report	Casing Repair	New Construe		plete 👿 Other CHA	•
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba	= '	rarily Abandon OPERATO	R
13. Describe Proposed or Completed Oper	· – ·	Plug Back		Disposal	
ronowing completion of the involved	perations. If the operation result bandonment Notices shall be filed at inspection. DO6, WESTPORT OIL & THE ATTACHED WELL	is in a multiple com I only after all requ GGAS COMPA LOCATIONS	pletion or recompleti rements, including r ANY L.P., HAS TO KERR-Mc	GEE OIL & GAS	1 L. CI_1
	APPR	OVED 3	5/6/06	RECEI	√ED
	$\mathcal{L}a$	rlove Ri	issell		
	Division	of Oil, Gas an	d Mining	MAY 1 0	2006
	Dariene F	cussell, Engine	ering Technic	lan DIV OF OU OAS	0. ******
14. I hereby certify that the foregoing	s is true and correct			DIV OF OIL GAS	* MINING
Name (Printed/Typed)		Title			
BRAD LANEY Signature			ING SPECIAL	IST	
orginature .		Date May 9, 2006	3		-
	THIS SPACE	FOR FEDERAL			
Approved by		Title		Date	
Olack January				5-9-06	
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	able title to those rights in the subje	arrant or Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and willfull matter within its ju	y to make to any durisdiction.	lepartment or agency of the United S	lates any



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

Lease Serial No.

UTU-01198-# B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

					7. If Unit or C	A/Agreement, Name and/or No.
SUBMIT IN TRIPLI	CATE – Other instruction	ons o	n reverse	e side		-
1. Type of Well					8. Well Name	J N-
Oil Well X Gas Well Other						
2. Name of Operator	C ONCHORE LR				NBU 1022-2	
KERR McGEE OIL AND GAS 3a. Address	3b.	Pho	ne No. (includ	le area code)	430473609	
1368 SOUTH 1200 EAST VE			1-7003			ool, or Exploratory Area
4. Location of Well (Footage, Sec., 7			7,000	***	NATURAL I	• •
1601' FNL 2117' FEL	,, = w, , - · · · · , - · · · · , - · · · ·				11. County or F	
SWNE SEC 21-T10S-R22E						-
0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					UINTAH, U	
12. CHECK APPI	ROPRIATE BOX(ES) TO IND)ICAT	E NATURE	OF NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SUBMISSION			TYI	PE OF ACTION		
Notice of Intent	Acidize	Deep	en	Production	(Start/Resume)	Water Shut-Off
	Alter Casing	=	ure Treat	Reclamatio		Well Integrity
Subsequent Report	Casing Repair	=	Construction	Recomplete		Other APD EXTENSION
Final Abandonment Notice	Change Plans Convert to Injection	Plug Plug	and Abandon	Temporaril Water Disp		DOOW
13. Describe Proposed or Completed Oper		_				
following completion of the involved testing has been completed. Final Al determined that the site is ready for fin	bandonment Notices shall be filed on al inspection.	nly after	r all requiremen	nts, including recla	mation, have been	n completed, and the operator has
THE OPERATOR REQUES						
LOCATION SO THAT THE I	ORILLING OPERATIONS	3 MAY	BE COM	TEMBERION	ARMOV IIIO	. APD WAS
APPROVED BY THE DIVISI	ON OF OIL, GAS AND IV	HINIIN	J ON SEP	1 Hab [Division of	
				Oil Gas	and Minir	ng
						/ ^
	019-06 PM			Date: 10	16-C	ettell ettell
14. I hereby certify that the foregoing	is true and correct					77
Name (Printed/Typed)	UOODEO	Title		DECLI	LATORY CL	EDV
	HOOPES	Date		REGUI	LATORT CL	ENN
Signature Pamely	Morpes				ember 7, 20	06
	THIS SPACE F	OR FE		STATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduc	itable title to those rights in the subject operations thereon.	et lease	Office			
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme	it a crime for any person knowi ents or representations as to any m	ingly ar	id willfully to ithin its jurisd	make to any depliction.	partment or agen	cy of the United States any

Application for Permit to Drill Request for Permit Extension

Validation
(this form should accompany the Sundry Notice requesting permit extension)

	4304736091	
Well Name:	NBU 1022-21G	
Location:	SWNE SEC 21-T10S-R22E	
Company Per	mit Issued to: KERR MCGEE OIL AND	GAS ONSHORE LP
Date Original	Permit Issued: (3/20/2005)	
	11/17/04	
above, hereby	ed as owner with legal rights to drill on t verifies that the information as submitte cation to drill, remains valid and does n	ed in the previously
Following is a verified.	checklist of some items related to the ap	oplication, which should be
-	rivate land, has the ownership changed, en updated? Yes⊡No☑	if so, has the surface
•	s been drilled in the vicinity of the propo siting requirements for this location? Ye	
	n any unit or other agreements put in pla peration of this proposed well? Yes⊡N	
	en any changes to the access route incl could affect the proposed location? Yes	_
Has the approv	ved source of water for drilling changed	? Yes□No☑
	en any physical changes to the surface ire a change in plans from what was dis es□No☑	
Is bonding still	in place, which covers this proposed we	ell? Yes⊠No□
Pamu Signature	ey Woopes	9/7/2006 Date
Title: REGULA	TORY CLERK	
Representing:	KERR MCGEE OIL AND GAS ONSHORE L	

UNITED STATES DEPARTMENT OF THE INTERIOR

RECEIVED

Expires Jnovember 30, 2000

BUREAU OF LAND MANAGEMENT

OCT 1 1 2006 5. Lease Serial No

DOIG	and of brind manning	OBIMBINI	J. Louise Scrim 140.
SUNDRY	UTU-01198-A		
Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Oil Well Gas Well	Other		8. Well Name and No.
2. Name of Operator			NBU 1022-21G
KERR McGEE OIL AND GA	S ONSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area code)	4304736091
1368 SOUTH 1200 EAST VI	ERNAL, UT 84078	435-781-7003	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,		on)	NATURAL BUTTES
1601' FNL 2117' FEL			11. County or Parish, State
SWNE SEC 21-T10S-R22E	UINTAH, UT		
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	NO
Notice of Intent	Acidize Alter Casing	Deepen Product Fracture Treat Reclama	on (Start/Resume) Water Shut-Off ution Well Integrity
X Subsequent Report	Casing Repair Change Plans	New Construction Recomp	lete APD EXTENSION BLM
Final Abandonment Notice	Convert to Injection	Plug Back Water D	•
If the proposal is to deepen directiona Attach the Bond under which the wor	lly or recomplete horizontally, g k will be performed or provide operations. If the operation rest andonment Notices shall be fil	tive subsurface locations and measured and the Bond No. on file with BLM/BIA. Re alts in a multiple completion or recompleti	of any proposed work and approximate duration thereof, true vertical depths of all pertinent markers and zones, quired subsequent reports shall be filed within 30 days on in a new interval, a Form 3160-4 shall be filed once acclamation, have been completed, and the operator has
LOCATION SO THAT THE I	ORILLING OPERATIO	NS MAY BE COMPLETED. T	ON FOR THE SUBJECT WELL HE ORIGINAL APD WAS APPROVED I
BUREAU OF LAND MANAG	EMENT ON OCTOBE	:R 25, 2005.	RECEIVED
			OCT 2 3 2006
	COM	IDITIONS OF APPROVAL AT	TACHED DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Title Name (Printed/Typed) REGULATORY CLERK RAMEY HOOPES Date Signature September 7, 2006 THIS SPACE FOR FEDERAL OR STATE USE Date Title Approved by Petroleum Engineer OCT 1 6 2006 Office Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: NBU 1022-21G Location: SWNE SEC 21-T10S-R22E Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP Date Original Permit Issued: 10/25/2005
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes☑No□
Ramer Maper 9/27/2006 Signature Date
Title: REGULATORY CLERK
Representing: Kerr McGee Oil and Gas Onshore LP

CONDITIONS OF APPROVAL

Kerr McGee Oil & Gas Onshore.

Notice of Intent APD Extension

Lease:

UTU-01198-A

Well:

NBU 1022-21G

Location:

SWNE Sec 21-T10S-R22E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 10/25/07
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Matt Baker of this office at (435) 781-4490

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:		KERR-N	<u>IcGEE</u>	OIL & GAS	ONSHORE, LP
Well Name:		. 10	NBU 102	22-21 <u>G</u>		
Api No:	43-047-36	091			Lease Type:_	FEDERAL
Section 21	_Township_	10S	Range_	22E	County	UINTAH
Drilling Cor	ntractor	PE'	TE MART	TIN DR	LG RI	G# <u>RATHOLE</u>
SPUDDE	D:					
	Date	09/2	21/07			
	Time	11:3	30 AM			
	How	DR	Y			
Drilling wi	ill Commer	ıce:				
Reported by		L	OU WEL	DON		
Telephone#		(4	435) 8287(035		
Date	09/24/07		Sig	ned	СНД	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM								
Operator:	KERR McGEE OIL & GAS ONSHORE LP	Operator Account Number:	N 2995					
Address:	1368 SOUTH 1200 EAST							
	city VERNAL							
	state UT zip 84078	Phone Number:	(435) 781-7024					

API Number	Well	Name	QQ	Sec	Twp	Rng	County
43047 388 48	STATE 1021-36N		SESW	36	108	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		y Assignment fective Date
A	99999	16359	9	/21/200	7	9/	25/07

WSMVD

18/-11 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304736091	NBU 1022-21G		SWNE	21	108	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date	
\mathcal{B}	99999	2900	9	9/21/200)7	9	35/07
Comments: MIR	U PETE MARTIN BUCK		L LOCATIO	ON ON (09/21/20		
	[U 571		LECOATIO	JIV 014 V	3372 1720	or w 110	

Wall 3

API Number	Well Name		QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date		
Comments:								

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a negative EVED
- E Other (Explain in 'comments' section)

SEP 2 4 2007

SHEILA UPCHEGO

Title

SENIOR LAND SPECIALIST

9/24/2007

Date

(5/2000)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

UTU 01198-B

SUNDRY NOTICES AND REPORTS ON WELLS

	form for proposals to Use Form 3160-3 (APD				6. If Indian, A	llottee or Tribe Name
SUBMIT IN TRIPLICATE – Other instructions on reverse side						A/Agreement, Name and/or No.
1. Type of Well					NATURAL I	
Oil Well X Gas Well	Other				8. Well Name	
2. Name of Operator					NBU 1022-2	
KERR MCGEE OIL AND GA	S ONSHORE LP	3b. Phone No.	<i>(</i> : 1 1 ===		9. API Well N	
3a. Address	EDNIAL LIT 04070	3b. Phone No. 435-781-700		ea coae)	430473609	ool, or Exploratory Area
1368 SOUTH 1200 EAST VI 4. Location of Well (Footage, Sec., :			3		NATURAL I	· · · · · · · · · · · · · · · · · · ·
1601'FNL-2117'FEL	a, ie, in, or our vey bescripti	on, y			11. County or F	
SWNE SEC 21-T10S-R22E	•				UINTAH CO	•
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NAT	URE OF	NOTICE, R	EPORT, OR O	THER DATA
TYPE OF SUBMISSION			TYPE C	F ACTION	J	
☐ Notice of Intent ■ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Tre New Constru	ection 🔲	Reclamation Recomplete	e	Water Shut-Off Well Integrity Other SET
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Ab	andon	Temporaril Water Disp	-	SURFACE CSG
13. Describe Proposed or Completed Ope: If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final A' determined that the site is ready for fin	illy or recomplete horizontally, a rk will be performed or provide operations. If the operation res bandonment Notices shall be fil	give subsurface locat the Bond No. on fi ults in a multiple co	ions and mea le with BLM mpletion or	asured and tru 1/BIA. Requi recompletion	ne vertical depths of red subsequent re- in a new interval,	of all pertinent markers and zones. ports shall be filed within 30 days a Form 3160-4 shall be filed once
MIRU BILL MARTIN BUCKE OF 32.3# H-40, AND 2 JTS 3.82 YLD. TAILED CMT W/2 PREM CLASS G @ 15.8 PP GOOD CMT TO SURFACE	OF 36# J-55 SURFAC 200 SX PREM CLASS 'G 1.15 YLD. DOWN E	E CSG. LEAI @ 15.8 PPG BACK SIDE.	O CMT V 1.15 YLE	V/170 SX	PREM CLAS	SS G @ 11 PPG
						DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing Name (Printed/Typed) STEILAL	g is true and correct JPCHEGO	Title Date	SEN		ID ADMIN SI	
/	THIS SPACE	E FOR FEDERA	L OR STA	TE USE		
Approved by		Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct	itable title to those rights in the s		:			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

CHARDY MOTICES AND DEDODES ON WELLS

SUNDRY NOTICES AND REPORTS ON WELLS						UTU 01198-B			
Do not use this	form for proposals to	drill o	r reenter ar	n	6	. If Indian, Allotte	ee or Tribe Name		
abandoned well.	Use Form 3160-3 (APD)	for suc	h proposals	5.					
SUBMIT IN TRIPL	'e	7. If Unit or CA/Agreement, Name and/or No. NATURAL BUTTES UNIT UNIT #891008900A							
Oil Well Gas Well	Other					. Well Name and			
2. Name of Operator	U Other								
•						NBU 1022-21G 9. API Well No.			
KERR MCGEE OIL AND GAS ONSHORE LP 3a. Address 3b. Phone No. (include area code)									
	EDMAL UT 04070		•	e area	· L	304736091	- F- 1		
1368 SOUTH 1200 EAST VI			31-7003				or Exploratory Area		
4. Location of Well (Footage, Sec.,	I., R., M., or Survey Description	n)			 	IATURAL BU			
1601' FNL 2117' FEL					113	County or Paris	h, State		
SWNE SEC 21-T10S-R22E						INTAH, UTAI	H		
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICA	TE NATURE (OF N	OTICE, REF	PORT, OR OTH	ER DATA		
TYPE OF SUBMISSION			TYP	E OF	ACTION				
Notice of IntentX Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	New Plus	pen eture Treat y Construction g and Abandon g Back		Production (S Reclamation Recomplete Temporarily A Water Dispose	Abandon	Water Shut-Off Well Integrity Other WELL SPUD		
If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin MIRU-PETE MARTIN DRILL RAN 14" 36.7# SCHEDULE	rk will be performed or provide to operations. If the operation result bandonment Notices shall be filed all inspection. LING BUCKET RIG. DR PIPE.	he Bond its in a mid only aft	No. on file with ladiple completion at all requirements 20" COND	BLM/In or re nts, inc	BIA. Required completion in a cluding reclama	subsequent reports a new interval, a Fotion, have been con	shall be filed within 30 days m 3160-4 shall be filed once		
CMT W/28 SX READY MIX.	SPUD WELL @ 1130	HRSC	N 09/21/200	07.		, NECI			
			,			OCT 2	2 4. 2007		
						DIV. OF OIL,	GAS & MINING		
14. I hereby certify that the foregoing	s is true and correct	٠	· · · · · · · · · · · · · · · · · · ·						
Name (Printed/Typed) SHEILA U	JPCHEGO	Titl		SENI	OR LAND	ADMIN SPEC	CIALIST		
Signeture 11	n/M/K)	Dat	2		Septem	ber 24, 2007			
VI	THIS SPACE	FOR F	EDERAL OR S	TAT		· · · · · · · · · · · · · · · · · · ·			
Approved by			Title		*.	Date			
Conditions of announced if the condition and a state of the condition and the condition of									

certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Lease Serial No.UTU 01198-B

apandoned well.	USE FOITH 3 160-3 (AFL)) for such proposals.			
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT 891008900A				
1. Type of Well	NATURAL BUTTES UNIT				
Oil Well Gas Well	8. Well Name and No.				
2. Name of Operator			NBU 1022-21G		
KERR MCGEE OIL AND GA	AS ONSHORE LP		9. API Well No.		
3a. Address		3b. Phone No. (include area code)	4304736091		
1368 SOUTH 1200 EAST V	435-781-7003	10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,	NATURAL BUTTES				
			11. County or Parish, State		
SW/NE SEC. 21, T10\$, R22	2E 1601'FNL, 2117'FE	FL.	UINTAH COUNTY, UT		
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE	, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION	ON		
Notice of Intent	Acidize Alter Casing	Deepen Product Fracture Treat Reclama			
X Subsequent Report	Casing Repair Change Plans	New Construction Recomp	olete Other FINAL DRILLING arily Abandon OPERATIONS		
Final Abandonment Notice	Convert to Injection	Plug Back Water D			
13. Describe Proposed or Completed Ope	rations (clearly state all pertine	nt details, including estimated starting date of	of any proposed work and approximate duration thereof.		

FINISHED DRILLING FROM 2040' TO 8466' ON 10/23/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/360 SX PREM LITE II @11.2 PPG 3.13 YIELD. TAILED CMT W/1200 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DISPLACE W/130 BBLS CLAYFIX FINAL CIRC PSI 2450 BUMP PLUG FLOATS HELD. SET SLIPS W/90K NIPPLE DOWN CUT CSG CLEAN PITS.

RELEASED PIONEER RIG 38 ON 10/24/2007 AT 2100 HRS.

14. I hereby certify that the foregoing is true and correct	 		-			
Name (Printed/Typed)	Title					
SHEILA UPCHEGO	s	SENIOR LAND ADMIN SPECIALIST				
Signature (MM MMM)	Date October 25, 2007					
THIS SPACE	FOR FEDERAL OR S	TATE USE				
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this notice does not we certify that the applicant holds legal or equitable title to those rights in the subjective which would entitle the applicant to conduct operations thereon.						
Title 18 U.S.C. Section 1001, make it a crime for any person know			ny			

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

UTU 01198-B

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name						
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT 891008900A						
1. Type of Well	NATURAL BUTTES UNIT						
Oil Well X Gas Well	Other .			8. Well Name and No.			
2. Name of Operator	NBU 1022-21G						
KERR MCGEE OIL AND GA	AS ONSHORE LP			9. API Well No.			
3a. Address		3b. Phone No. (include	le area code)	4304736091			
1368 SOUTH 1200 EAST VI	ERNAL, UT 84078	435-781-7003		10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,	NATURAL BUTTES						
				11. County or Parish, State			
SW/NE SEC. 21, T10S, R22	UINTAH COUNTY, UT						
12. CHECK APP	ROPRIATE BOX(ES) TO I	INDICATE NATURE	OF NOTICE, R	EPORT, OR OTHER DATA			
TYPE OF SUBMISSION		TYF	E OF ACTION	1			
Notice of IntentX Subsequent Report☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Reclamation Recomplete	other PRODUCTION START-UP			
If the proposal is to deepen directiona	illy or recomplete horizontally, gi	ve subsurface locations and	lmeasured and tru	ny proposed work and approximate duration thereof. e vertical depths of all pertinent markers and zones. red subsequent reports shall be filed within 30 days			

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 12/21/2007 AT 1:00 PM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct						
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Title					
SHEILA UPCHEGO			SENIOR LAND ADMIN SPECIALIST October 25, 2007			
Signature 11/11 Mellell	Date					
THIS SPA	CE FOR FE	DERAL	OR STATE USE			
Approved by		Title	Date			
Conditions of approval, if any, are attached. Approval of this notice does not certify that the applicant holds legal or equitable title to those rights in the swhich would entitle the applicant to conduct operations thereon.	subject lease	Office				
Title 18 U.S.C. Section 1001, make it a crime for any person k	nowingly an	d willful	lly to make to any department or agency of the United States any			
false, fictitious or fraudulent statements or representations as to a	any matter w	ithin its ji	jurisdiction.			



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-21G

LOCATION SWNE, SEC.21, T10S, R22E UINTAH COUNTY, UT

DATE	ACTIVITY		STATUS
08/23/07	LOCATION STARTED	PIONEER 38	
09/18/07	LOCATION COMPLETED	PIONEER 38	P/L IN, WOBR
09/21/07	SET CONDUCTOR	PIONEER 38	
09/24/07	SET AIR RIG	PIONEER 38	DRILL
10/01/07	9 5/8" @2012'	PIONEER 38	WORT
10/16/07	TD: 2040' Csg. 9 5/8"@ Move to NBU 1022-21G. RUF	2012' MW: 8.4 RT. NU and test BOPE.	SD: 10/x/07 DSS: 0 PUDS and replace #1 mud pump.
10/17/07	TD: 2040' Csg. 9 5/8"@ Replace #1 mud pump. Drill ce	2012' MW: 8.4 ement and FE @ report ti	SD: 10/x/07 DSS: 0 me.
10/18/07	TD: 3472' Csg. 9 5/8"@ Drill cement and FE. Rotary s	2012' MW: 9.1SD: 10 pud @ 0700 hrs 10/17/07	0/17/07 DSS: 1 7. Drill from 2040'-3472'. DA.
10/19/07	TD: 5312' Csg. 9 5/8"@ Drill from 3472'-5312'. DA.	2012' MW: 9.6	SD: 10/17/07 DSS: 2
10/22/07	TD: 7407' Csg. 9 5/8"@ Drill from 5312'-6265'. TFNB a	2012' MW: 10.8 and lay down MM. Drill to	SD: 10/17/07 DSS: 5 7407'. DA.
10/23/07	TD: 8329' Csg. 9 5/8"@ Drill from 7407'-8329'. DA.	2012' MW: 11.5	SD: 10/17/07 DSS: 6
10/24/07	TD: 8466' Csg. 9 5/8"@ Drill from 8329'-8466' TD. Sho Casing @ report time.	2012' MW: 11.7 ort trip and LDDS. Run T	SD: 10/17/07 DSS: 7 riple Combo. Run 4 ½" Production
10/25/07	TD: 8466' Csg. 9 5/8"@	2012' MW: 11.7	SD: 10/17/07 DSS: 8

Finish running and cmt 4.5" prod csg. Set slips, ND, cut csg, and clean pits. Release rig @ 2100 hrs on 10/24/07. RDRT @ report time.

12/12/07 PRES. TEST

Davs On Completion: 1

Remarks: 8:00 AM. HSM. MIRU BLUE MOUNTAIN & B&C QUICK TEST. ND WEEL HEAD & NU FRAC VALVES & SET WELL HEAD STAND. PRESSURE TEST CASING & BOTH FRAC VALVES TO 7.500 PSI, GOOD TEST. SWI SDFN

12/13/07 PREF

Days On Completion: 2

Remarks: 9:00 AM. MIRU CUTTERS TO PERFORATE. HSM. STG) 1 RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING PERFORATE 8,332' - 35' 4 SPF, 8,293' - 97' 4 SPF, 8,247' - 50' 4 SPF, 40 HOLES. WINTERIZE WELL HEAD. SWI SDFN

12/14/07 FRAC

Days On Completion: 3

Remarks: 6:30 AM. HSM. MIRU WEATHERFORD TO FRAC. PRIME UP PUMPS & LINES. PRESSURE TEST TO 8,000 PSI.

STG 1) WHP 363 PSI, BRK 3,838 PSI, @ 2.9 BPM, ISIP 3,103 PSI, FG .81. PUMP 100 BBLS @ 50 BPM @ 4,400 PSI = 40 OF 40 HOLES OPEN. MP 6,702 PSI, MR 51.5 BPM, AP 4,358 PSI, AR 49.9 BPM, ISIP 2,687 PSI, FG .76 NPI -416 PSI, PUMP 973 BBLS SW & 25,297 LBS 30/50 SAND & ZETAFLOW

STG 2) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING SET 8K BAKER CBP @ 8,100' & PERF 8,076' - 79' 4 SPF, 8,034' - 38' 4 SPF, 7,947' - 49' 3 SPF, 7,884' - 87' 3 SPF, 43 HOLES WHP 0 PSI, BRK 3,138 PSI, @ 2.8 BPM, ISIP 2,315 PSI, FG .73. PUMP 100 BBLS @ 50 BPM @ 4,700 PSI = 36 OF 43 HOLES OPEN. MP 4,999 PSI, MR 50.6 BPM, AP 3,987 PSI, AR 50.2 BPM, ISIP 2,674 PSI, FG .77 NPI 359 PSI, PUMP 2,181 BBLS SLICK WATER & 76.905 LBS 30/50 SAND & ZETAFLOW

STG 3) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING SET 8K BAKER CBP @ 7,579' & PERF 7,546' - 49' 4 SPF, 7,455' - 57' 3 SPF, 7,377' - 80' 3 SPF, 7,328' - 32' 4 SPF, 43 HOLES WHP 0 PSI, BRK 3,012 PSI, @ 2.9 BPM, ISIP 2,231 PSI, FG .74. PUMP 100 BBLS @ 50.2 BPM @ 4,025 PSI = 41 OF 43 HOLES OPEN. MP 4,995 PSI, MR 50.7 BPM, AP 4,006 PSI, AR 50.2 BPM, ISIP 2,731 PSI, FG .80 NPI 500 PSI, PUMP 1,870 BBLS SLICK WATER & 66,394 LBS 30/50 SAND & ZETAFLOW

STG 4) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING SET 8K BAKER CBP @ 7,235' & PERF 7,201' - 05' 4 SPF, 7,183' - 86' 3 SPF, 7,083' - 87' 4 SPF, 41 HOLES WHP 1,952 PSI, BRK 2,864 PSI, @ 3.6 BPM, ISIP 2,658 PSI, FG ..81 PUMP 100 BBLS @ 50.2 BPM @ 4,800 PSI = 35 OF 41 HOLES OPEN. MP 5,036 PSI, MR 50.4 BPM, AP 4,172 PSI, AR 50.2 BPM, ISIP 2,658 PSI, FG .81 NPI 171 PSI, PUMP 1,192 BBLS SLICK WATER & 42,472 LBS 30/50 SAND & ZETAFLOW

STG 5) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 & 120 DEG PHASING SET 8K BAKER CBP @ 6,686' & PERF 6,646' - 35' 4 SPF, 40 HOLES WHP 0 PSI, BRK 2,724 PSI, @ 3.6 BPM, ISIP 1,393 PSI, FG .65 PUMP 100 BBLS @ 34.7 BPM @ 3,509 PSI = 40 OF 40 HOLES OPEN. MP 3,914 PSI, MR 37.5 BPM, AP 3,332 PSI, AR 34.6 BPM, ISIP 2,800 PSI, FG .86 NPI 1,407 PSI, PUMP 1,024 BBLS SLICK WATER & 35,637 LBS 30/50 SAND & ZETAFLOW

STG 6) RIH W/ 3 1/8" PORTED GNS, 12 GRM, .34 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 6,470' & PERF 6,434' - 40' 4 SPF, 6,361' - 64' 4 SPF, 36 HOLES WHP 0 PSI, BRK 2,756 PSI, @ 4.9 BPM, ISIP 2,121 PSI, FG .72 PUMP 100 BBLS @ 39.6 BPM @ 2,900

PSI = 36 OF 36 HOLES OPEN. MP 3,920 PSI, MR 41.3 BPM, AP 2,817 PSI, AR 40.3 BPM, ISIP 2,121 PSI, FG .77 NPI 325 PSI, PUMP 432 BBLS SLICK WATER & 12,254 LBS 30/50 SAND & ZETAFLOW

STG 7) RIH W/ 3 1/8" PORTED GNS, 12 GRM, .34 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 6,016' & PERF 5,981' - 86' 4 SPF, 5,620' - 25' 4 SPF, 40 HOLES WHP 0 PSI, BRK 1,913 PSI, @ 2.3 BPM, ISIP 1,405 PSI, FG .68 PUMP 100 BBLS @ 41.5 BPM @ 3,360 PSI = 40 OF 40 HOLES OPEN. MP 3,646 PSI, MR 41.9 BPM, AP 2,775 PSI, AR 41.5 BPM, ISIP 1,971 PSI, FG .78 NPI 566 PSI, PUMP 648 BBLS SLICK WATER & 23,339 LBS 30/50 SAND & ZETAFLOW

KILL PLG) RIH SET 8K BAKER CBP @ 5,520' RDMO CUTTERS & WEATHERFORD. WINTERIZE WEEL HEAD. SDFWE

12/17/07

MIRU - PU TBG

Days On Completion: 6

Remarks: 7:00- HSM. START RIG (COLD AND FROZEN AIR LINES) MOVE ONTO LOCATION. MOVE FRAC FLOOR. RUSU. ND WH. NU BOP. RU FLOOR. MU 3-7/8" BIT, FLOAT SUB, POBS, AND 1.87" R-NIPPLE AND RIH AS SLM 2-3/8" EUE TBG. RAN 177-JTS. TAG AT 5528'. RU DRLG EQUIP. LAY PUMP LINES. SDFN AT 5:30 PM. EOT AT 5516'.

12/18/2007

DRILL CBPs & LAND

Davs On Completion: 7

7:00- JSA. START AND WARM UP EQUIP. PROBLEMS W/ PWR SWIVEL Remarks: (ELECTRICAL). PUMP 22 BBLS TO GET CIRC. D/O CBP #1 W/ 178-JTS IN AT 5520' IN 7-MIN. O PSI INCREASE. CONT RIH TO TAG AT 6001'. C/O 15' SAND TO CBP #2 W/ 194-JTS IN AT 6016'. D/O #2 IN 8-MIN, 200 PSI INCREASE. CONT RIH TO TAG SAND AT 6450'. C/O 20' SAND TO CBP #3 W/ 208 JTS IN AT 6470'. D/O CBP #3 IN 10-MIN. 400 PSI INCREASE. CONT RIH TO TAG SAND AT 6650'. C/O 36' SAND TO CBP #4 W/ 215 JTS IN AT 6686'. D/O CBP #4 IN 10 MIN, 400 PSI INCREASE. CONT RIH TO TAG SAND AT 7208'. C/O 27' SAND TO CBP #5 W/ 233 JTS IN AT 7235'. D/O #5 IN 15 MIN, 200 PSI INCREASE. CONT RIH TO TAG SAND AT 7554'. C/O 25' SAND TO CBP #6 W/ 244-JTS IN AT 7579'. D/O #6 IN 15 MIN. 300 PSI INCREASE. CONT RIH TO SAND AT 8089'. C/O 19' SAND TO CBP #7 W/ 261-JTS IN AT 8100'. D/O #7 IN 12 MIN, 400 PSI INCREASE. CONT RIH TO TAG SAND AT 8363'. C/O SAND TO 8406' W/ 270-JTS IN. (ACTS LIKE DRLG CMT NOW). CIRC 15 MIN. RD PWR SWIVEL. LD AS POOH W/ 25-JTS. PU AND LUB IN HANGER. LAND 245-JTS 2-3/8" 4.7# J-55 TBG W/ EOT AT 7634'. RD FLOOR. ND BOP. NU WH. DROP BALL. HOOK UP TO RIG PUMP. PUMP 20 BBLS AND PRESSURE TO 2500 PSI TO RELEASE POBS. PUMP 7-MORE BBLS. SHUT DOWN PUMP. HOOK UP FLOW LINE TO PIT AND START FLOW BACK ON 44/64" CHOKE, FCP 150, SICP 950, DRAIN PUMP AND LINES, TURN OVER TO FLOW BACK CREW AT 5:00 PM

AZTEC DELIVERED 283-JTS 2-3/8" J-55 TO LOCATION.USED 245-JTS FOR PRODUCTION. SENT BACK 38-JTS 2-3/8" J-55.

TBG DETAIL:

KB 16.00 HANGER .83 245-JTS 2-3/8" J-55 7614.96 POBS W/ 1.87" R 2.20 EOT 7633.99

PUMPED 8156 BBLS FOR FRAC. PUMPED 210 BBLS TO D/O.

12/19/07

Final Report

Days On Completion: 8

Remarks: 7:00- JSA. RACK OUT EQUIP. RDSU. SPOT FLOW BACK TANK AND PLUMB IN TEST SEPERATOR. MOVE RIG AND EQUIP TO 1122-5E. SDFN

FLOWBACK REPORT: CP 1150#, TP 950#, CK 20/64", 120 BWPH, LOAD REC'D 1880 BBLS, LLTR 4806 BBLS

- 12/20/07 FLOWBACK REPORT: CP 1350#, TP 1000#, CK 20/64", 30 BWPH, LOAD REC'D 2810 BBLS, LLTR 3876 BBLS

 12/21/07 FLOWBACK REPORT: CP 2200#, TP 950#, CK 20/64", 30 BWPH, LOAD REC'D 3530 BBLS, LLTR 3156 BBLS

 12/22/07 FLOWBACK REPORT: CP 2100#, TP 1100#, CK 20/64", 20 BWPH, LOAD REC'D 4055 BBLS, LLTR 2631 BBLS
- 12/23/07 FLOWBACK REPORT: CP 2000#, TP 1100#, CK 20/64", 20 BWPH, LOAD REC'D 4535 BBLS, TTL LOAD REC'D 2151 BBLS
- 12/24/07 FLOWBACK REPORT: CP 1800#, TP 1050#, CK 20/64", 16 BWPH, LOAD REC'D 4911 BBLS, TTL LOAD REC'D 1775 BBLS



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

Lease Serial No.

													UTU	-01198	<i>i</i> -В		
1a. Type of	f Well Completion	☐ Oil \ 1:	Well	∑ G New		Dry Work Over		her Deepen	D PI	ug Back	☐ Diff.	Resvr.			Allottee o		
			Othe	г			•				-				A Agreem		e and No.
2. Name of Operator												008900 ne and W					
KERR-I	MCGEE	OIL & 0	GAS (ONSI	HORE	LP			la Dh	one No. (in	salvida avad	r no dal	1	J 1022		CII IVO.	
			OT 1	<i>-</i>		- 4 1 1 0 40			Ja. Fii				9.	API Well	No.		
	OUTH 12 of Well (R							deral requi	irements		781-702	:4		173609			
At surface SW/NE 1601'FNL, 2117'FEL NATURAL BUTTES										ny							
At top proc	l. interval re	ported be	low											Survey or			, T10S, R22
														County of	r Parish		13. State
At total de				5 D-4	TDD	1 4			IIC De	·- C1-4			UIN		(DE DI	to or	UTAH
 Date S 09/21/0 	•			10/23	te T.D. Re 5/07	eacned				te Complete D & A		ly to Prod.	5359		s (DF, RK	СВ , К1, С	iL)*
18. Total I	•	D VD	8466	6'	19. P	lug Back T.		MD TVD	8413			20. Depth	Bridge	Plug Set:	MD TVD		
21. Type I	Electric & O		nanical	Logs R	un (Subn	nit copy of e		110				well cored			Yes (Sub		
CBL-CC	L-GR	5D.5	N>c	Д.,	-CT F	2		-				DST run? ctional Sur			Yes (Sub		
	and Liner I																
	Size/Grade	1			(MD)	Bottom (1	MD)	Stage Cer Dep		1	Sks. & Cement	Slurry V (BBL)		Cement	Top*	Amount Pulled	
20"	14"	36.7	7#			40'					SX	()					
12 1/4"	9 5/8"	32.3#				2040	, 				SX						
7 7/8"	4 1/2"	11.6				8466	3'				SX						
			1_									-					
24. Tubing		-4 (A (TD))	In1	· D · 4	- a m l	0' -	Т	D. 41 C.	(1.00)	<u> </u>	4.0.00	l		T 70 11	0.05		0.00
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2 3/0	1 70.		<u> </u>				-							 		+	
25. Produc	ing Interval	S	<u> </u>					26. Perfo	ration R	ecord.		L		<u> </u>			
	Formatio			Т	op	Botton	n	Per	forated 1	Interval		Size	No	Holes	Τ	Perf. St	atus
A)	WASAT	CH		56	20'	6440)'	. 50	620'-6	440'	0.34		76		 	OPEN	
,	ESAVE				46'	8335			646'-8			0.36	207 OPEN				
C)																	
D)			1			<u> </u>	Ī	6.x-							<u> </u>		
<u>-</u>	racture, Tre	<u>_</u>	ement !	Squeez	e, Etc.	**											,
	Depth Inter									Amount an					CEI	VED	
	5620'-64					BLS SL								UL	<u> </u>		· · · · · · · · · · · · · · · · · · ·
(<u> 5646'-83</u>	35.		MP	7076 E	BLS SL	ICK	H2O & :	246,7	0/# 30/5	00011	<u>JWA SL</u>)		4N 08	- 200 8	
					<u></u>					*							
28 Produc	tion - Interv	rol A	<u>- L</u>							<u>. </u>				-W 05	OIL, GA	M& 2/	NING
Date First	Test	Hours	Test	To:	il .	Gas	Water		Oil Grav	itv	Gas		Product	ion Method	012, 0		·
Produced 12/21/07	Date 12/28/07	Tested 24	Product		BL O	мсғ 1,337	BBL	384	Сопт. АР	-	Gravity				· VS FR(OM W	= 1.1.
Choke	Tbg. Press.	Csg.	24 Hr.	Oi		Gas	Water		Oil Grav	ity	Well Status					<u> </u>	
Size	Flwg. 821#		Rate	BI	BL	MCF	BBL	204	Соп. АР	PI		DD	VDI:	CINC (24014	· 1	
20/64	SI ction Inter	1448#			0	1337	L	384	L		L	PR	ักทก	CING (GAS W	CLL	
	ction - Inter Test	Val B Hours	Test	Oi	i	Gas	Water		Oil Grav	ity I	Gas		Product	ion Method			
	Date Date	Tested	Product		BL	MCF	BBL		Corr. AP	-	Gravity			·on wichion			
12/21/07	12/28/07	24	\vdash	▶	0	1337		384						FLOV	VS FRO	OM WE	<u>ELL</u>
Choke	Tbg. Press.	Csg.	24 Hr.	Oi		Gas	Water		Oil Grav		Well Status						
Size 20/64	Flwg. 821# SI	Press. 1448	Rate	► _B	BL 0	мсғ 1337	BBL	384	Corr. AP	1		PR	ODU	CING	3AS W	FII	
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28b. Pro	duction - Inte	erval C								
	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status		
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio			
28c. Pro	duction - Inte	rval D	<u> </u>							
	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas Gravity	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Соп. АРІ			
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas : Oil	Well Status		
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio	İ		
	SI	<u> </u>		<u> </u>						
•	osition of Ga	s (Sold. use	ed for fuel. v	ented. etc.,)					
SOLD	mary of Poro	us Zonas (1	Include A au	forc):				121 Famoria	an (Lan) Manlana	
30. Suill	iliary of Polo	us Zones (1	menude Aqui	11615).				31. Formatio	on (Log) Markers	
tests,	v all importar , including de recoveries.	nt zones of opth interva	porosity and al tested, cus	l contents the con	hereof: Core time tool ope	ed intervals and	d all drill-stem shut-in pressures			
		T	T	T					\.	Тор
For	mation	Тор	Bottom		Descri	ptions, Conten	ts, etc.	-	Name	Meas. Depth
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32. Addi	tional remark	s (include	plugging pro	ocedure):						
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33. Circle	e enclosed at	tachments:	-							
1. El	lectrical/Mec	hanical Lo	gs (1 full set	req'd.)	2.	. Geologic Rep	oort 3. D	ST Report	4. Directional Survey	1
5. Sı	ındry Notice	for pluggir	ng and ceme	nt verificat	ion 5.	. Core Analysi	s 7. O	ther:		
36. I here	by certify tha	t the forego	oing and atta	ched infor	mation is con	nplete and corr	ect as determined	from all available	records (see attached in	structions)*
		_								
Nome	(please prin	SHFI	LA UPCI	HEGO			Title	SENIOR	LAND ADMIN SP	ECIALIST
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Signa	ture	11/1/0		-0/		710	Date _	01/02/08		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United										

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.